

## CLASSIFIED MESSAGE

DATE 1926Z 28 JUL 62

~~SECRET~~

## ROUTING

1	4
2	5
3	6

TO : DIRECTOR

FROM : EO 12958 3.3(b)(1) 25Yrs  
(N)

ACTION: OSA (1-2-3-4-5-6-7-8-9-10)

INFO : S/C (11)

TOR 2043Z 28 JUL 62

**PRIORITY**

PRIORITY

IN 44079

TO PRITY 

INFO

CITE

5627

OXCART

NO NITE ACTION

EYES ONLY COL BEERLI, MR PARANGOSKY, MRKIEFER.

COL NELSON SENDS IN LIEU OF 

FLIGHT NUMBER 27 FLOWN TODAY FOR FIFTY TWO MINUTES FLYING TIME. TAKE-OFF IN AB WITH WATER AT 85,000 LBS GROSS, CG AT 22.9 PERCENT MAC. AB CLIMB MADE TO 38 THOUSAND FEET. PRIMARY TEST OBJECTIVE BY-PASS DOOR AND SPIKE TEST. LEFT HAND BY-PASS DOOR AND INLET SPIKE WERE CYCLED FROM AUTOMATIC TO MANUAL OPEN AND BACK TO AUTOMATIC AS AIRCRAFT ACCELERATED IN .2 MACH INCREMENTS UP THROUGH 1.3 MACH NUMBER AT 38 THOUSAND. FOLLOWING THIS SEQUENCE, RIGHT HAND BY-PASS DOOR WAS OPENED NORMALLY, LEFT HAND DOOR IN AUTOMATIC, ACCELERATED TO MACH 1.42. EXPERIENCED FAMILIAR ROUGHNESS ON LEFT ENGINE. AT THIS POINT LEFT ENGINE DOORS WERE STILL CLOSED. DOORS WERE MANUALLY OPENED AND ROUGHNESS DISAPPEARED. AIRCRAFT CLIMBED TO 45 THOUSAND AND ACCELERATED TO 1.63 MACH. LEFT ENGINE DOORS SWITCHED BACK TO

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PAGE TWO

AUTOMATIC, NO ROUGHNESS WAS DETECTED. LEFT HAND DOORS SWITCHED BACK TO MANUALLY OPEN, DESCENDED AND DECELERATED BACK TO 1.42 MACH AT WHICH POINT LEFT HAND DOORS SWITCHED TO AUTOMATIC FOR ANOTHER READING. DESCENT THEN CONTINUED DURING WHICH TANK PRESSURES WERE RECORDED AND NOTED TO BE NORMAL. ENTERED TRAFFIC PATTERN AND LANDED. LANDING [ ] WAS NORMAL, CHUTE DEPLOYED PERFECTLY, TURNED OFF AT TAXIWAY WITH MODERATE BRAKING. AIRCRAFT IN COMMISSION FOR MONDAY FLIGHT AS OF THIS TIME.

END OF MESSAGE

~~SECRET~~